

Alekseyevka. 4 km. Northeast of Alekseyevka, 20 km. North of Urdzhar. Flat area near stream. Collected in South end of West Valley. Coordinates in Urdzhar: 47-05-01, 81-37-49. Temp: max. +41, min. -40. Stoney gravely loam soil. Good drainage. 400 mm rainfall. Dominant tree sp.: Populus. Dominant shrub sp.: Crataegus, Rosa; Associated-Viburnum. Random pop. as close as 20 m. to stream. Many new small trees growing. Sampled 30 fruits from 1 tree. Fruit is firm with aromatic flavor. Fruit size is larger than 50mm.

PI 600496. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 05-06; GMAL 3607. Collected 08/29/1995 in Kazakhstan. Latitude 47 deg. 14' 39'' N. Longitude 81 deg. 34' 14'' E. Elevation 870 m. Semipalitinsk Region (Tarbagatai Mountain Range). Village of Alekseyevka. 4 km. Northeast of Alekseyevka, 20 km. North of Urdzhar. Flat area near stream. Collected in South end of West Valley. Coordinates in Urdzhar: 47-05-01, 81-37-49. Temp: max. +41, min. -40. Stoney gravely loam soil. Good drainage. 400 mm rainfall. Dominant tree sp.: Populus. Dominant shrub sp.: Crataegus, Rosa; Associated-Viburnum. Random pop. as close as 20 m. to stream. Many new small trees growing. Sampled 30 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Fruit size is larger than 50mm, free of scab. Scion also collected.

PI 600497. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 06-01; GMAL 3608. Collected 08/29/1995 in Kazakhstan. Latitude 47 deg. 16' 12'' N. Longitude 81 deg. 34' 25'' E. Elevation 990 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar. 7 km. Northeast of Alekseyevka. Landform mostly hillside. Collected in North end of West Valley, upstream 3 km. from site 05 (GMAL's 3604-3607, GMAL's 3760-3789). Silt to clay loam soil. Aspect: Mostly East. Dominant tree sp.: *M. sieversii*; Associated-Populus, Pyrus, Acer. Dominant shrub sp.: Rosa; Assoc.-Lonicera, Amygdalus, Rubus. Dominant herbaceous: Grasses; Assoc.-Potentilla, Fragaria. Sampled 150 fruits from 1 tree. Flesh flavor is aromatic. Over color is 90% red. Fruit size is larger than 50mm, no scab. Spur type tree. Scion also collected.

PI 600498. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 06-03; GMAL 3609. Collected 08/29/1995 in Kazakhstan. Latitude 47 deg. 16' 12'' N. Longitude 81 deg. 34' 25'' E. Elevation 990 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar. 7 km. Northeast of Alekseyevka. Landform mostly hillside. Collected in North end of West Valley, upstream 3 km. from site 05 (GMAL's 3604-3607, GMAL's 3760-3789). Silt to clay loam soil. Slope incline: 5%. Aspect: West. Dominant tree sp: *M. sieversii*; Associated-Populus, Pyrus, Acer. Dominant shrub sp: Rosa; Assoc.-Lonicera, Amygdalus, Rubus. Dominant herbaceous: Grasses; Assoc.-Potentilla, Fragaria. Sampled 150 fruits from 1 tree. Scab detected. Very heavy cropload. Spur type tree.

PI 600499. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 06-04; GMAL 3610. Collected 08/29/1995 in Kazakhstan. Latitude 47 deg. 16' 12'' N. Longitude 81 deg. 34' 25'' E. Elevation 990 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar. 7 km. Northeast of Alekseyevka. Landform mostly hillside. Collected in North end of West Valley, upstream 3 km. from site 05